UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/693,132	10/20/2000	Adnanus Henricus Nicolaas Roestenburg	583-1040	7838

23644 7590 01/26/2005		EXAMINER
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ART UNIT	PAPER NUMBER
2145	

CHICAGO, IL 60690-2786

DATE MAILED: 01/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _19 July 2004_.

2a)☐ This action is **FINAL**.　　　　2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-23, 27-33 and 55-85_ is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-23, 27-33 and 55-85_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All　b)☐ Some *　c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
　　Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
　　Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Request for Continued Examination

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114.

2. Amendment received May 19, 2004 has been entered into record.

3. Claims 1-23,27-33, and 55-85 remain pending.

Response to Amendment

4. This office action is in response to the applicants Amendment filed on May 19, 2004. Applicant amended claims (1,12,23,55, and 65-67), canceled claims (24-26,and 45-54), and added claims (68-85). Claims 1-23,27-33, and 55-85 are presented for further consideration and examination.

Response to Arguments

Applicant's arguments with respect to claims *1,6,11,16, and 18* have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   _Claims 1, 4-10, 12, 15-21, 23, 27-32, 55 and 58-85_ are rejected under 35 U.S.C. 102(e)

as being anticipated by Challenger et al. (US006725265B1).

3.   With regard to _claims 1, 12, 23, 55, 65-67 and 83-85_, Challenger reference discloses,

- _a client equipment (client 102) unit capable of communicating with a content_

   providing server (server 104) for providing web content; (Challenger, col.5, lines

   34-39, line 40; module 102, fig.1)

   Challenger teaches of a client-server system where _"the client 102 obtains_

   information from the server 104" (Challenger, col.5, line 40).

- _a data manipulation server (cache 106) disposed in-line between the client_

   equipment unit and the content providing server, the data manipulation server

   being coupled to a data store arranged to store data relating to a user of the

   client equipment unit; wherein (Challenger, col.2, lines 52-54; col.4, lines 18-24,

   lines 40-45; col.5, lines 34-39, lines 46-48; module 106, fig.1)

   Challenger teaches of a client-server system where _cache 106_ stores customized

   information relating to the _client 102_. It is also clear from figure 1 that the _cache_

   _106_ is situated between the _client 102_ and the _server 104_.

- _the data manipulation server is adapted to modify data communicated between_

   the client equipment unit and the content providing server in dependence on the

   data relating to the user in response to the data manipulation server intercepting

a request message for obtaining the content, the request message being

transmitted from the client equipment unit and addressed to the content providing

server. (Challenger, col.1, lines 27-29; col.2, lines 52-54; col.3, lines 5-15; col.5,

lines 11-12; col.9, lines 16-17, lines 54-56; module 518, fig.5; module 646, fig.6)

Challenger teaches of a client-server system where *cache 106*, which is situated

between the *client 102* and the *server 104*, is designed for the purpose of

customizing *"information by inserting at least one customized block into at least*

one customizable template" (Challenger, col.3, lines 10-12) before the *"requested*

(customized) information is returned to the client" (Challenger, col.9, lines 54-56).

4.   With regard to *claims 4-5, 15-16, 27 and 58-59*, Challenger reference discloses,

- *wherein the modified web data is data providing the content* (Challenger, col.1,

    lines 27-29; col.2, lines 52-54; col.3, lines 5-15; col.5, lines 11-12; col.9, lines 16-

    17, lines 54-56; module 518, fig.5; module 646, fig.6)

    Challenger teaches of a client-server system where *cache 106*, which is situated

    between the *client 102* and the *server 104*, is designed for the purpose of

    customizing *"information by inserting at least one customized block into at least*

    one customizable template" (Challenger, col.3, lines 10-12) before the *"requested*

    (customized) information is returned to the client" (Challenger, col.9, lines 54-56).

- *wherein the data providing the content is Hyper Text Mark-up Language (HTML)*

    data. (Challenger, col.1, lines 27-29; col.2, lines 52-54; col.3, lines 5-15; col.5,

    lines 11-12; col.9, lines 16-17, lines 54-56; module 518, fig.5; module 646, fig.6)

    Challenger teaches of a client-server system where *cache 106*, which is situated

    between the *client 102* and the *server 104*, is designed for the purpose of

customizing *"information by inserting at least one customized block into at least one customizable template"* (Challenger, col.3, lines 10-12) before the *"requested (customized) information is returned to the client"* (Challenger, col.9, lines 54-56).

5.   With regard to <u>claims 6-8, 17-19, 28-30 and 60-62</u>, Challenger reference discloses,

- *wherein the data relating to the user is static data.* (Challenger, col.4, lines 40-49; col.6, lines 6-20, lines 31-38; col.7, line 62 – col.8, line 22)

  Challenger teaches of a client-server system where *cache* 106, which is situated between the *client 102* and the *server 104*, is designed for the purpose of customizing *"information by inserting at least one customized block into at least one customizable template"* (Challenger, col.3, lines 10-12) before the *"requested (customized) information is returned to the client"* (Challenger, col.9, lines 54-56). Furthermore, the customized block can be either static or dynamic.

- *wherein the static data is obtained from the user.* (Challenger, col.4, lines 40-49; col.6, lines 6-20, lines 31-38; col.7, line 62 – col.8, line 22)

  Challenger teaches of a client-server system where *cache* 106, which is situated between the *client 102* and the *server 104*, is designed for the purpose of customizing *"information by inserting at least one customized block into at least one customizable template"* (Challenger, col.3, lines 10-12) before the *"requested (customized) information is returned to the client"* (Challenger, col.9, lines 54-56). Furthermore, the customized block can be either static or dynamic.

6.   With regard to <u>claims 9-10, 20-21, 31-32 and 63-64</u>, Challenger reference discloses,

- *wherein the data relating to the user is dynamic data.* (Challenger, col.4, lines 40-49; col.6, lines 6-20, lines 31-38; col.7, line 62 – col.8, line 22)

  Challenger teaches of a client-server system where *cache* 106, which is situated between the *client 102* and the *server 104*, is designed for the purpose of customizing *"information by inserting at least one customized block into at least one customizable template"* (Challenger, col.3, lines 10-12) before the *"requested (customized) information is returned to the client"* (Challenger, col.9, lines 54-56). Furthermore, the customized block can be either static or dynamic.

- *wherein the dynamic data is obtained from an access or service provider associated with supporting communications between the client equipment unit and the content providing server.* (Challenger, col.4, lines 40-49; col.6, lines 6-20, lines 31-38; col.7, line 62 – col.8, line 22)

  Challenger teaches of a client-server system where *cache* 106, which is situated between the *client 102* and the *server 104*, is designed for the purpose of customizing *"information by inserting at least one customized block into at least one customizable template"* (Challenger, col.3, lines 10-12) before the *"requested (customized) information is returned to the client"* (Challenger, col.9, lines 54-56). Furthermore, the customized block can be either static or dynamic.

7. With regard to *claims 68-70, 73-75 and 78-80*, Challenger reference discloses,

- *wherein the data manipulation server is arranged to modify the data communicated between the client equipment and the content providing server in dependence on a selected subset of the data relating to a user stored in the data*

store. (Challenger, col.4, lines 40-49; col.6, lines 6-20, lines 31-38; col.7, line 62 – col.8, line 22)

Challenger teaches of a client-server system where *cache 106*, which is situated between the *client 102* and the *server 104*, is designed for the purpose of customizing *"information by inserting at least one customized block into at least one customizable template"* (Challenger, col.3, lines 10-12) before the *"requested (customized) information is returned to the client"* (Challenger, col.9, lines 54-56). Furthermore, the customized block can be either static or dynamic.

- *wherein the data manipulation server is arranged to request the user of the client equipment unit to select the subset in response to intercepting the request message.* (Challenger, col.4, lines 40-49; col.6, lines 6-20, lines 31-38; col.7, line 62 – col.8, line 22)

Challenger teaches of a client-server system where *cache 106*, which is situated between the *client 102* and the *server 104*, is designed for the purpose of customizing *"information by inserting at least one customized block into at least one customizable template"* (Challenger, col.3, lines 10-12) before the *"requested (customized) information is returned to the client"* (Challenger, col.9, lines 54-56). Furthermore, the customized block can be either static or dynamic.

- *wherein the data manipulation server is arranged to determine the subset in dependence on at least one rule of a user defined rule set, the at least one rule applying to the content providing server.* (Challenger, col.4, lines 40-49; col.6, lines 6-20, lines 31-38; col.7, line 62 – col.8, line 22)

Challenger teaches of a client-server system where *cache 106*, which is situated between the *client 102* and the *server 104*, is designed for the purpose of

customizing *"information by inserting at least one customized block into at least*

one customizable template" (Challenger, col.3, lines 10-12) before the *"requested*

(customized) information is returned to the client" (Challenger, col.9, lines 54-56).

Furthermore, the customized block can be either static or dynamic.

8.   With regard to <u>claims 71-72, 76-77 and 81-82</u>, Challenger reference discloses,

- *wherein the data manipulation server is operated by an access or service*

  provider associated with supporting communications between the client

  equipment unit and the content providing server. (Challenger, col.4, lines 40-49;

  col.6, lines 6-20, lines 31-38; col.7, line 62 – col.8, line 22)

  Challenger teaches of a client-server system where *cache* 106, which is situated

  between the *client 102* and the *server 104*, is designed for the purpose of

  customizing *"information by inserting at least one customized block into at least*

  one customizable template" (Challenger, col.3, lines 10-12) before the *"requested*

  (customized) information is returned to the client" (Challenger, col.9, lines 54-56).

  Furthermore, the customized block can be either static or dynamic.

- *wherein the data manipulation server is arranged to modify the data*

  communicated between the client equipment and the content providing server in

  dependence on a selected subset of the data relating to a user stored in the data

  store. (Challenger, col.4, lines 40-49; col.6, lines 6-20, lines 31-38; col.7, line 62*

  – col.8, line 22)

  Challenger teaches of a client-server system where *cache* 106, which is situated

  between the *client 102* and the *server 104*, is designed for the purpose of

  customizing *"information by inserting at least one customized block into at least*

one customizable template" (Challenger, col.3, lines 10-12) before the *"requested*

(customized) information is returned to the client" (Challenger, col.9, lines 54-56).

Furthermore, the customized block can be either static or dynamic.

Claim Rejections - 35 USC § 103

9.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set
forth in section 102 of this title, if the differences between the subject matter sought to be patented and
the prior art are such that the subject matter as a whole would have been obvious at the time the
invention was made to a person having ordinary skill in the art to which said subject matter pertains.
Patentability shall not be negatived by the manner in which the invention was made.

10.   _Claims 2-3, 11, 13-14, 22, 33 and 56-57_ are rejected under 35 U.S.C. 103(a) as being

unpatentable over Challenger et al. (US006725265B1) and in view of Cohen et al.

(US006330561B1).

11.   With regard to _claims 2-3, 13-14 and 56-57_, Challenger reference discloses the invention

substantially as claimed,

     See *claims 1, 12 and 55* rejection as detailed above.

     However, Challenger reference does not explicitly disclose,

     • *wherein the modified data is the request message.*

     • *wherein the request message is a Hyper Text Transfer Protocol (HTTP) request*

       message.

     Cohen teaches,

     • *wherein the modified data is the request message.* (Cohen, col.3, lines 3-10;

       col.4, lines 23-37; module t1, fig.3; module 404, fig.4)

Cohen teaches of modifying the original HTTP resource request message from the client by appending a proxy filter for the purpose of requesting additional information and forwarding it to the resource server. *"The resource server then supplies the response to the request and the additional resource"* (Cohen, col.4, lines 35-37).

- *wherein the request message is a Hyper Text Transfer Protocol (HTTP) request message.* (Cohen, col.3, lines 3-10; col.4, lines 23-37; module t1, fig.3; module 404, fig.4)

Cohen teaches of modifying the original HTTP resource request message from the client by appending a proxy filter for the purpose of requesting additional information and forwarding it to the resource server. *"The resource server then supplies the response to the request and the additional resource"* (Cohen, col.4, lines 35-37).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the Cohen reference with the Challenger reference to present *"an approach [that] is benefit to the proxy cache in the sense that it helps the proxy cache determine the validity of certain of its contents"* (Cohen, col.2, lines 38-40) by providing *"additional resources which is related to the initial request either in content or by its location"* (Cohen, lines 45-46).

12.   With regard to *claims 11, 22 and 33*, Challenger reference discloses the invention substantially as claimed,

See *claims 1, 12 and 23* rejection as detailed above.

However, Challenger reference does not explicitly disclose,

- *wherein the data manipulation server is a proxy server.*

Cohen teaches,

- *wherein the data manipulation server (proxy cache 106) is a proxy server.*

(Cohen, col.3, lines 3-10; col.4, lines 23-37; module t1, fig.3; module 404, fig.4)

Cohen teaches of the proxy cache server modifying the original HTTP resource

request message from the client by appending a proxy filter for the purpose of

requesting additional information and forwarding it to the resource server. *"The*

resource server then supplies the response to the request and the additional

resource" (Cohen, col.4, lines 35-37). Furthermore, it is well known in the

networking art that the proxy server can also be a cache server as taught in

Challenger.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of

the invention was made to combine the Cohen reference with the Challenger

reference to present *"an approach [that] is benefit to the proxy cache in the sense*

that it helps the proxy cache determine the validity of certain of its contents" (Cohen,

col.2, lines 38-40) by providing *"additional resources which is related to the initial*

request either in content or by its location" (Cohen, lines 45-46).

Conclusion

13.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure:

- Daugherty et al. (US006345292B1)

- Thomas (US006128663A)

- Lowery et al. (US005894554)

- Cohen et al. (US006751608B1)

- Maruyama et al. (US006003076A)

- Fortune (US006704776B1)

- Miyasaka et al. (US006766362B1)

14.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas Duong whose telephone number is 571/272-3911. The examiner can normally be reached on M-F 7:30AM - 4:00PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack B Harvey can be reached on 571/272-3896. The fax phone numbers for the organization where this application or proceeding is assigned are 703/872-9306 for regular communications and 703/872-9306 for After Final communications. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571/272-2100.

Thomas Duong (AU2145)

January 24, 2005